

IN THE CLAIMS

Please amend the claims as follows:

5. (currently amended) A ~~control~~ method for reducing write errors on a the rotating storage device, wherein said ~~rotating~~ storage device ~~comprising~~ includes a storage medium driven to rotate and a read/write head for writing information on said storage medium, said ~~control~~ method comprising ~~the steps of~~:

receiving a write command by performing writing action to write information to
said storage medium device;

determining whether or not a write operation on said storage medium according
to said write command is performed on a target cylinder located adjacent to a defective
sector referencing to a defect list stored in a storage area provided in elsewhere of said
rotating storage device to judge whether the track having the sector into which said write
has been done or an adjacent track or a nearby track of said track contains a defect; and

in response to a determination that said write operation is performed on a target
cylinder located adjacent to a defective sector, setting a verification flag to indicate a data
verification is required immediately after said write operation verifying said write if the
result of said judgment is true.

Please cancel Claim 6.

7. (currently amended) A ~~control~~ method for reducing write errors on a rotating storage device ~~comprising~~ having a storage medium driven to rotate and a read/write head for writing information on said storage medium, said ~~control~~ method comprising ~~the steps of~~:

receiving a write command by performing writing action to write information to
said storage medium device;

determining whether or not a write operation on said storage medium according to said write command operation is done performed within a certain period starting from immediately predetermined amount of time after loading said read/write head on said storage medium or within a time required for processing a predetermined number of commands; and

in response to a determination that said write operation is performed within a predetermined amount of time after loading said head on said storage medium, setting a verification flag to indicate a data verification is required immediately after said write operation verifying said write when a result of said determination is true.

Please cancel Claims 11-13.

Please add Claims 14-22 as follows:

14. (new) The method of Claim 5, wherein said method further includes in response to a determination that said write operation is performed on a target cylinder not located adjacent to a defective sector, maintaining said verification flag to indicate a data verification is not required immediately after said write operation.

15. (new) A storage device comprising:

a storage medium;

a read/write head for writing information on said storage medium;

means for receiving a write command;

means for determining whether or not a write operation on said storage medium according to said write command is performed on a target cylinder located adjacent to a defective sector; and

means for setting a verification flag to indicate a data verification is required immediately after said write operation, in response to a determination that said write operation is performed on a target cylinder located adjacent to a defective sector.

16. (new) The storage device of Claim 15, wherein said storage device further includes maintaining said verification flag to indicate a data verification is not required immediately after said write operation, in response to a determination that said write operation is performed on a target cylinder not located adjacent to a defective sector.

17. (new) The method of Claim 7, wherein said method further includes in response to a determination that said write operation is performed beyond said predetermined amount of time after loading said head on said storage medium, maintaining said verification flag to indicate a data verification is not required immediately after said write operation.

18. (new) The method of Claim 7, wherein said method further includes

determining whether or not a write operation on said storage medium according to said write command is performed on a target cylinder located adjacent to a defective sector; and

in response to a determination that said write operation is performed on a target cylinder located adjacent to a defective sector, setting a verification flag to indicate a data verification is required immediately after said write operation.

19. (new) The method of Claim 18, wherein said method further includes in response to a determination that said write operation is performed on a target cylinder not located adjacent to a defective sector, maintaining said verification flag to indicate a data verification is not required immediately after said write operation.

20. (new) A storage device comprising:

a storage medium;

a read/write head for writing information on said storage medium;

means for receiving a write command;

means for determining whether or not a write operation on said storage medium according to said write command is performed within a predetermined amount of time after loading said read/write head on said storage medium; and

means for setting a verification flag to indicate a data verification is required immediately after said write operation, in response to a determination that said write operation is performed within a predetermined amount of time after loading said head on said storage medium.

20. (new) The storage device of Claim 19, wherein said storage device further includes maintaining said verification flag to indicate a data verification is not required immediately after said write operation, in response to a determination that said write operation is performed beyond said predetermined amount of time after loading said head on said storage medium.

21. (new) The storage device of Claim 20, wherein said storage device further includes

means for determining whether or not a write operation on said storage medium according to said write command is performed on a target cylinder located adjacent to a defective sector; and

means for setting a verification flag to indicate a data verification is required immediately after said write operation, in response to a determination that said write operation is performed on a target cylinder located adjacent to a defective sector.

22. (new) The storage device of Claim 21, wherein said storage device further includes means for maintaining said verification flag to indicate a data verification is not required immediately after said write operation, in response to a determination that said write operation is performed on a target cylinder not located adjacent to a defective sector.